Exhibit R-2, RDT&E Budget Item Justification: PB 2024 Defense Counterintelligence and Security Agency	Date: March 2023
Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide* / BA 7: *Operational Systems Development*	**R-1 Program Element (Number/Name)** PE 0305327V / *Insider Threat*

COST ($ in Millions)	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
Total Program Element	34.420	3.000	12.403	2.971	-	2.971	2.922	2.825	3.110	3.172	Continuing	Continuing
002: *Insider Threat*	34.420	3.000	12.403	2.971	-	2.971	2.922	2.825	3.110	3.172	Continuing	Continuing

A. Mission Description and Budget Item Justification

The two programs which fall under Insider Threat are DoD Insider Threat Management and Analysis Center (DITMAC) and National Center for Credibility Assessment (NCCA)

DITMAC: Provides an integrated capability to collect and analyze information for insider threat detection and mitigation. The system gathers, integrates, reviews, assesses, and responds to information derived from DoD Insider Threat hubs, Counterintelligence (CI), security, cybersecurity, civilian and military personnel management, workplace violence, anti-terrorism risk management, law enforcement, user activity monitoring on DoD information networks, and other sources as necessary and appropriate to support the identification, mitigation, and countering of insider threats to DoD personnel, assets and information.

In FY24, the DITMAC System of Systems (DSoS) requires the capability to support installation-level reporting for the Prevention, Assistance, and Response (PAR) program, User Access Monitoring (UAM), and Behavioral Threat Analysis Capability (BTAC). It also requires adaptation to allow for automated data ingest which will directly support and enhance analytic efforts to focus on areas of increased risk.

B. Program Change Summary ($ in Millions)	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total
Previous President's Budget	3.000	9.403	2.971	-	2.971
Current President's Budget	3.000	12.403	2.971	-	2.971
Total Adjustments	0.000	3.000	0.000	-	0.000
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	3.000			
• Congressional Directed Transfers	0.000	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			

Congressional Add Details ($ in Millions, and Includes General Reductions)	FY 2022	FY 2023
Project: 002: *Insider Threat*		
Congressional Add: *Ocular-motor deception detection (ODT) capabilities*	3.000	3.000

Exhibit R-2, RDT&E Budget Item Justification: PB 2024 Defense Counterintelligence and Security Agency	Date: March 2023
Appropriation/Budget Activity 0400: *Research, Development, Test & Evaluation, Defense-Wide I* BA 7: *Operational Systems Development*	**R-1 Program Element (Number/Name)** PE 0305327V *I Insider Threat*

Congressional Add Details ($ in Millions, and Includes General Reductions)	FY 2022	FY 2023
Congressional Add Subtotals for Project: 002	3.000	3.000
Congressional Add Totals for all Projects	3.000	3.000

Exhibit R-2A, RDT&E Project Justification: PB 2024 Defense Counterintelligence and Security Agency			Date: March 2023
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0305327V / *Insider Threat*	Project (Number/Name) 002 / *Insider Threat*	

COST ($ in Millions)	Prior Years	FY 2022	FY 2023	FY 2024 Base	FY 2024 OCO	FY 2024 Total	FY 2025	FY 2026	FY 2027	FY 2028	Cost To Complete	Total Cost
002: *Insider Threat*	34.420	3.000	12.403	2.971	-	2.971	2.922	2.825	3.110	3.172	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

Provides an integrated capability to collect and analyze information for insider threat detection and mitigation. The system gathers, integrates, reviews, assesses, and responds to information derived from DoD Insider Threat hubs, Counterintelligence (CI), security, cybersecurity, civilian and military personnel management, workplace violence, anti-terrorism risk management, law enforcement, user activity monitoring on DoD information networks, and other sources as necessary and appropriate to support the identification, mitigation, and countering of insider threats to address current and emerging threats to DoD personnel, assets and information.

In FY24, the DITMAC DSoS program requires the capability to support installation-level reporting for the Prevention, Assistance, and Response (PAR) program, User Access Monitoring (UAM), and Behavioral Threat Analysis Capability (BTAC). It also requires adaptation to allow for automated data ingest which will directly support and enhance analytic efforts to focus on areas of increased risk.

B. Accomplishments/Planned Programs ($ in Millions)	FY 2022	FY 2023	FY 2024
Title: DITMAC System of System (DSoS)	-	9.403	2.971
Description: Continued support for the Insider Threat mission via the collection, processing and storage of case information in support of the Insider Threat mission. Serves as a secure automated mechanism for the transmission of information between DoD Components and the DITMAC. ***FY 2023 Plans:*** Supports case management enhancements and installation-level reporting necessary for initial implementation of the Prevention, Assistance, and Response (PAR) program. Requires adaptation to allow for automated data ingest which will directly support analytic efforts to focus on areas of increased risk. ***FY 2024 Plans:*** Continues development efforts for Prevention Assistance and Response (PAR), User Access Monitoring (UAM), and Behavioral Threat Analysis Capability (BTAC). Adds development efforts for automated data ingest by adding additional data sources, and the addition of reporting, analysis, and data visualization capabilities. ***FY 2023 to FY 2024 Increase/Decrease Statement:*** FY2024 decrease is due to the stabilization of the agile development process after the initial user deployment and a transition from initial development to maintenance and sustainment.			
Title: Ocular-motor Deception Detection (ODT) Capabilities	0.000	0.000	-

Exhibit R-2A, RDT&E Project Justification: PB 2024 Defense Counterintelligence and Security Agency		Date: March 2023
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 0305327V / *Insider Threat*	**Project (Number/Name)** 002 / *Insider Threat*

B. Accomplishments/Planned Programs ($ in Millions)	FY 2022	FY 2023	FY 2024
Description: NCCA: Conducts credibility assessment training and education, research and development, technical support, and oversight activities for federal polygraph and credibility assessment mission partners. This program is to clinically and scientifically evaluate ocular-motor deception detection capabilities and determine their performance parameters, including how accurately they are able to classify deceptive and non-deceptive individuals. These funds will support the NCCA efforts to collect Eye-Detect data from one or more field locations. ***FY 2023 Plans:*** Due to sub-par performance of the Eye-Detect RCT in FY22, the planned investigation by ORNL for FY23 will be modified to evaluate the performance of the Multi-issue Comparison Test (MCT) instead. NCCA also plans to conduct a second field evaluation with DIA that corrects issues uncovered in the FY22 evaluation. Additionally, through the Applied Research Laboratory for Intelligence and Security (ARLIS), the Eye-Detect MCT will be investigated with issues relevant to the Texas-Mexico border and with a population different from those of the ORNL studies. Through ARLIS, NCCA will also independently evaluate VeriFeye, a beta-version smartphone application of the ODT. Lastly, NCCA believes that the development of a government-controlled decision algorithm for the Eye-Detect is warranted and should be explored. Oak Ridge National Lab (ORNL) will use machine-learning techniques to develop and optimize a government off-the-shelf ocular algorithm for computer-aided decision-making of Eye-Detect tests. ***FY 2023 to FY 2024 Increase/Decrease Statement:*** Congressional add of $3M for Ocular-motor deception detection (ODT) capabilities.			
Accomplishments/Planned Programs Subtotals	0.000	9.403	2.971

	FY 2022	FY 2023
Congressional Add: Ocular-motor deception detection (ODT) capabilities	3.000	3.000
FY 2022 Accomplishments: NCCA continued its efforts to validate ODT vendor's claims of performance in scenarios of relevance to the federal government. NCCA conducted a second independent validation of commercial ODT capabilities with Oak Ridge National Laboratory (ORNL), this time focused on the Relevant Comparison Test (RCT). Results from this second pilot study matched those of the previous year, indicating sub-par performance. NCCA also conducted an operational test and evaluation at the Defense Intelligence Agency to evaluate the performance characteristics of EyeDetect on personnel undergoing specialized training.		
FY 2023 Plans: Due to sub-par performance of the EyeDetect RCT in FY22, the planned investigation by ORNL for FY23 will be modified to evaluate the performance of the Multi-issue Comparison Test (MCT) instead. NCCA also plans to conduct a second field evaluation with the Defense Intelligence Agency (DIA) that corrects issues uncovered in the FY22 evaluation. Additionally, through the Applied Research Laboratory for Intelligence and Security (ARLIS), the EyeDetect MCT will be investigated with issues relevant to the Texas-		

Exhibit R-2A, RDT&E Project Justification: PB 2024 Defense Counterintelligence and Security Agency		Date: March 2023
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	FY 2022	FY 2023
Mexico border and with a population different from those of the ORNL studies. Through ARLIS, NCCA will also independently evaluate VeriFeye, a beta-version smartphone application of the ODT. Lastly, NCCA believes that the development of a government-controlled decision algorithm for the EyeDetect is warranted and should be explored. ORNL will use machine-learning techniques to develop and optimize a government off-the-shelf ocular algorithm for computer-aided decision-making of EyeDetect tests.		
Congressional Adds Subtotals	3.000	3.000

C. Other Program Funding Summary ($ in Millions)

N/A

Remarks

D. Acquisition Strategy

N/A

Exhibit R-3, RDT&E Project Cost Analysis: PB 2024 Defense Counterintelligence and Security Agency			Date: March 2023
Appropriation/Budget Activity 0400 / 7	R-1 Program Element (Number/Name) PE 0305327V / *Insider Threat*	Project (Number/Name) 002 / *Insider Threat*	

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	FY 2022 Cost	FY 2022 Award Date	FY 2023 Cost	FY 2023 Award Date	FY 2024 Base Cost	FY 2024 Base Award Date	FY 2024 OCO Cost	FY 2024 OCO Award Date	FY 2024 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
DITMAC System Of Systems	C/TBD	TBD : TBD	31.420	-		9.403		2.971		-		2.971	Continuing	Continuing	-
National Center for Credibility Assessment	MIPR	DoE : TBD	3.000	-		-		-		-		-	Continuing	Continuing	-
Ocular-motor deception Testing (ODT) capability	TBD	TBD : TBD	-	3.000		3.000		-		-		-	-	-	-
		Subtotal	34.420	3.000		12.403		2.971		-		2.971	Continuing	Continuing	N/A

	Prior Years	FY 2022		FY 2023		FY 2024 Base		FY 2024 OCO		FY 2024 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	34.420	3.000		12.403		2.971		-		2.971	Continuing	Continuing	N/A

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2024 Defense Counterintelligence and Security Agency		Date: March 2023
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 0305327V / *Insider Threat*	**Project (Number/Name)** 002 / *Insider Threat*

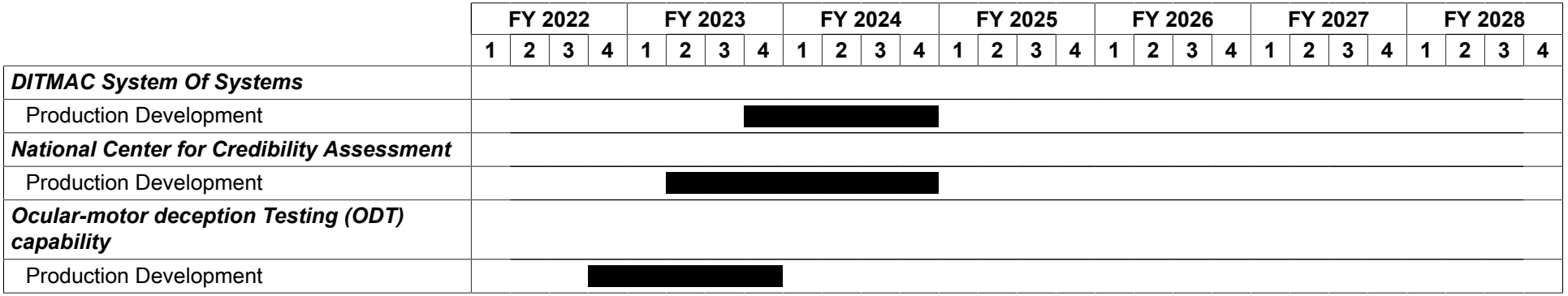

Exhibit R-4A, RDT&E Schedule Details: PB 2024 Defense Counterintelligence and Security Agency		Date: March 2023
Appropriation/Budget Activity 0400 / 7	**R-1 Program Element (Number/Name)** PE 0305327V / *Insider Threat*	**Project (Number/Name)** 002 / *Insider Threat*

Schedule Details

	Start		End	
Events by Sub Project	**Quarter**	**Year**	**Quarter**	**Year**
DITMAC System Of Systems				
Production Development	4	2023	4	2024
National Center for Credibility Assessment				
Production Development	2	2023	4	2024
Ocular-motor deception Testing (ODT) capability				
Production Development	4	2022	4	2023